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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/783,958
Date Submitted: July 8, 2010		Filing Date	2/20/2004
(use as many sheets as necessary)		First Named Inventor	Robert S. Whitehouse
		Art Unit	1796
		Examiner Name	Saira Bano Haider
Sheet	1	Attorney Docket Number	098104-0130
	of 5		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2002/0143116	10-03-2002	Noda et al.	
		3,563,971	02-16-1971	Wood et al.	
		4,076,910	02-28-1978	Beck	
		4,463,113	07-31-1984	Nakahara et al.	
		5,191,037	03-02-1993	Doi	
		5,382,679	01-17-1995	Galzigna et al.	
		5,387,623	02-07-1995	Ryan et al.	
		5,395,919	03-07-1995	Lee et al.	
		5,516,565	05-14-1996	Matsumoto	
		5,550,173	08-27-1996	Hammond et al.	
		5,656,367	08-12-1997	Iovine et al.	
		5,658,646	08-19-1997	Takano et al.	
		5,693,389	12-02-1997	Liggett	
		5,824,693	10-20-1998	Goldberg et al.	
		5,973,100	10-26-1999	Asrar et al.	
		6,191,203	02-20-2001	Asar	
		6,197,749	03-06-2001	Hamuro et al.	
		6,221,316	04-24-2001	Haenggi et al.	
		6,369,106	04-09-2002	Atlas et al.	
		6,423,250	07-23-2002	Blount	
		6,585,819	07-01-2003	Zhao	
		6,586,404	07-01-2003	Demopolos	
		6,808,795	10-26-2004	Noda et al.	
		6,838,037	01-04-2005	Autran et al.	
		7,098,292	08-29-2006	Zhao et al.	
		7,361,701	04-22-2008	Takahashi et al.	

FOREIGN PATENT DOCUMENTS					
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		WO/00/37119	06-29-2000	THE PROCTER & GAMBLE COMPANY	

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		JP-2002-532618 (English counterpart WO 00/37119 provided)	10-02-2002	THE PROCTER & GAMBLE COMPANY		
		WO-94/28070	12-08-1994	ZENACA LIMITED		
		EP 0300480	01-25-1989	ASAHI CHEMICAL IND.		
		FR 2656620	07-05-1991	M & T CHEMICALS		
		EP 0450777	10-09-1991	AGENCY IND SCIENCE TECHN		
		EP 0494405	07-15-1992	TRANSCEND THERAPEUTICS, INC.		
		EP 0501641	09-02-1992	CLINTEC NUTRITION COMPANY		
		EP 0572110	12-01-1993	CLINTEC NUTRITION COMPANY		
		DE 4300420	07-14-1994	BASF		
		EP 0826803	03-04-1998	TAKASAGO PERFUMERY		
		EP 0890614	01-13-1999	GUNZE KK		
		JP 11302521	11-02-1999	SHIMADZU CORP.		
		JP 2001-316658	11-16-2001	3M INNOVATIVE PROPERTIES CO.		
		WO 02/085983	10-31-2002	E.I. DU PONT DE NEMOURS AND COMPANY		
		WO 02/094759	11-28-2002	MILLIKEN & COMPANY		
		JP 2003-192884	07-09-2003	ASAHI DENKA KOGYO KK; TOYOTA MOTOR CORP.		
		WO 01/80832	11-01-2001	OREGON HEALTH SCIENCES UNIVERSITY		
		WO 02/059201	08-01-2002	NOVAMONT SPA		
		WO 02/077080	10-03-2002	PROCTER & GAMBLE		
		WO 02/090314	11-14-2002	GALILEO LABORATORIES, INC.		
		WO 02/17962	03-07-2002	OREGON HEALTH AND SCIENCES UNIVERSITY		
		WO 02/28969	04-11-2002	PROCTER & GAMBLE		
		WO 02/50156	06-27-2002	PROCTER & GAMBLE		
		WO 2005/025570	03-24-2005	DIAMEDICA INC.		
		WO 96/08535	03-21-1996	PROCTER & GAMBLE		

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		WO 97/07153	02-27-1997	GROSS ET AL.	
		WO 98/29375	07-09-1998	YISSUM RESEARCH AND DEVELOPMENT COMPANY	

NON PATENT LITERATURE DOCUMENTS					
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		Notice of Allowance issued in US Patent Application No. 10/783,995 and mailed on April 14, 2010.			
		Office Action issued in Japanese Patent Application No. 2006-503726 mailed on May 19, 2010 (English translation provided).			
		Office Action issued in Japanese Patent Application No. 2006-503727 mailed on May 17, 2010 (English translation provided).			
		EP Communication for EP Patent Application No. 04713309.5 dated November 24, 2005.			
		EP Communication for EP Patent Application No. 04713313.7 dated November 29, 2005.			
		EP Communication for EP Patent Application No. 04713313.7 mailed July 28, 2006.			
		EP Search Report for EP Patent Application No. 07076074.9 dated May 13, 2008.			
		EP Search Report for EP Patent Application No. 08009261.2 dated August 4, 2008.			
		International Preliminary Report on Patentability for PCT/US2004/043660 issued July 3, 2006.			

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NON PATENT LITERATURE DOCUMENTS			
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		International Preliminary Report on Patentability for PCT/US2004/004991 mailed on January 14, 2005.	
		International Search Report and Written Opinion for PCT/US2004/004991 mailed July 15, 2004.	
		International Search Report and Written Opinion for PCT/US2004/004992 mailed July 19, 2004.	
		International Search Report and Written Opinion for PCT/US2004/043600 mailed June 20, 2005.	
		International Search Report for PCT/US2004/043660 mailed December 15, 2005.	
		Notice of Allowance for US Patent Application No. 11/022,954 mailed September 25, 2009.	
		Supplementary European Search Report for EP Patent Application No. 04815630.1 mailed January 22, 2007.	
		Hideki, A., et al., "Synthesis and Characterization of Poly[(R,S)-3-hydroxybutyrate-b-6-hydroxyhexanoate] as a Compatibilizer for Biodegradable Blend of Poly[(R)-3-hydroxybutyrate] and Poly(6-hydroxyhexanoate)," <i>Macromolecules</i> , Vol. 27, No. 21: 6012-6017 (1994).	
		Kleinman W A et al.: "Status of glutathione and other thiols and disulfides in human plasma." <i>Biochemical Pharmacology</i> . 1 July 2000, vol. 60, no. 1, 1 July 2000, pages 19-29.	
		Nagasawa et al.: "Protection against acetaminophen-induced hepatotoxicity by L-CysSME and its N-acetyl and ethyl ester derivatives." <i>Journal of Biochemical toxicology</i> , 1996, vol. 11, no. 6, pages 289-295.	
		Purdie J. W., "Gamma-Radiolysis of Cysteine-Cysteamine Disulfide in Aqueous solution" <i>Canadian J. of Chemistry</i> , vol. 49, 1971, pages 725-730.	

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		Sato S. et al.: "Identification of thioether intermediates in the reductive transformation of gonyautoxins into saxitoxins by thiols." Bioorganic & Medicinal Chemistry Letters. 21 Aug 2000, vol. 10, no. 16, pages 1787-1789.	

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